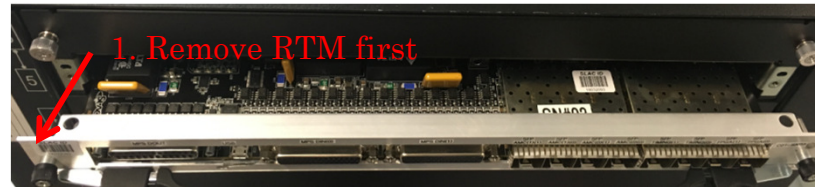# HOW TO INSTALL THE AMC CARRIER, AMC CARDS, AND RTM
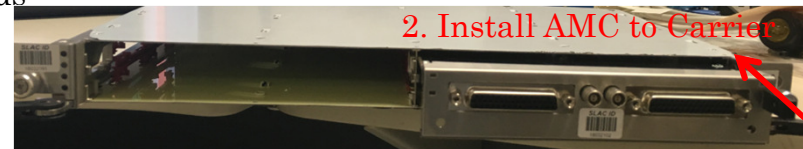
METHOD 1 (HIGHLY RECOMMENDED)

Step 1. Uninstall the RTM from the ATCA slot

- *At this point, nothing is installed in the ATCA slot*

Step 2. Install into the AMC daughter cards into AMC carrier

- We do **NOT** support hot swapping of the AMC daughter cards
- *At this point, nothing is installed in the ATCA slot*

Step 3. Install the AMC carrier into the ATCA slot

- *At this point, ONLY the **AMC carrier** and its AMC cards are installed*

Step 4. Install the RTM into the ATCA slot.

- **RTM should always be installed after the carrier is installed**.
- It is easier to feel if the RTM's is seated correctly into the ZONE3 interface when the AMC carrier is installed prior to install the RTM. We found this helps prevent bending RTM high density pins.

https://confluence.slac.stanford.edu/display/ppareg/Lab2+Testing%3A+How+to+install+your+AMC+carrier+into+the+ATCA+crate

HOW TO INSTALL THE AMC CARDS WITHOUT REMOVING CARRIER/RTM

METHOD 2: (NOT RECOMMENDED)

Step 1. Deactivate ATCA AMC Carrier. When deactivate successful, you AMC card will turn on **blue** and **red LED**

Example:

clia deactivate board <slot#>

clia deactivate board 2 (This deactivated AMC Carrier in slot 2)

Step 2. Carefully remove AMC daughter cards from AMC carrier. (Using extractor tool will help)

Step 3. Replace or change your AMC daughter cards.

Step 4. Activate ATCA AMC Carrier. When activate successful, AMC card will turn on **green LED**

Example:

clia activate board <slot#>

clia activate board 2 (This activated AMC Carrier in slot 2)

NOTES: If we remove the AMC card on power, damage can occur in either AMC carrier and/or AMC card